

GenCore version 4.5
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OM protein protein search, using sw model

Run on: March 12, 2002, 12:48:31 ; Search time 20.79 seconds
(without alignments)
10,840 Million cell updates/sec

Title: US-09-801-784-36

Perfect score: 50

Sequence: 1 PSAVALIYSP 10

Scoring table:

BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues

Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database :

Issued_Patents_AA:*
1: /cgn2_6/plodata/2/1aa/5A.COMB.pep:*
2: /cgn2_6/plodata/2/1aa/5B.COMB.pep:*
3: /cgn2_6/plodata/2/1aa/6A.COMB.pep:*
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5: /cgn2_6/plodata/2/1aa/PTIUS.COMB.pep:*
6: /cgn2_6/plodata/2/1aa/backfile1.pep:*

Prod. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result	Query	Match	Length	DB	ID	Description
No.	Score					
1	50	100.0	36	5	PCT-US96-08730-1	Sequence 1, Appl1
2	50	100.0	37	2	US-08-460-617-3	Sequence 3, Appl1
3	50	100.0	37	2	US-08-460-617-4	Sequence 4, Appl1
4	50	100.0	37	5	PCT-US96-08730-15	Sequence 15, Appl1
5	44	88.0	36	2	US-08-460-617-2	Sequence 2, Appl1
6	44	88.0	36	5	PCT-US96-08730-2	Sequence 2, Appl1
7	44	88.0	37	2	US-08-460-617-5	Sequence 5, Appl1
8	44	88.0	37	5	PCT-US96-08730-4	Sequence 4, Appl1
9	44	88.0	148	5	PCT-US96-08730-10	Sequence 10, Appl1
10	44	88.0	171	2	US-08-483-101-10	Sequence 10, Appl1
11	42	84.0	37	2	US-08-460-617-6	Sequence 6, Appl1
12	42	84.0	37	5	PCT-US96-08730-5	Sequence 5, Appl1
13	42	84.0	117	5	PCT-US96-08730-11	Sequence 11, Appl1
14	40	80.0	37	5	PCT-US96-08730-3	Sequence 3, Appl1
15	40	80.0	147	5	PCT-US96-08730-9	Sequence 9, Appl1
16	40	80.0	170	1	US-08-460-749-3	Sequence 3, Appl1
17	40	80.0	170	2	US-08-483-101-11	Sequence 11, Appl1
18	35	70.0	36	2	US-08-460-617-7	Sequence 7, Appl1
19	35	70.0	36	5	PCT-US96-08730-6	Sequence 6, Appl1
20	35	70.0	40	5	PCT-US96-08730-12	Sequence 12, Appl1
21	35	70.0	51	5	PCT-US96-08730-13	Sequence 13, Appl1
22	33	66.0	435	4	US-08-961-081-52	Sequence 52, Appl1
23	33	66.0	436	4	US-08-987-121A-4	Sequence 4, Appl1
24	33	66.0	346	4	US-09-066-512-2	Sequence 2, Appl1
25	33	66.0	1399	4	US-08-462-467B-14	Sequence 14, Appl1
26	33	66.0	1495	4	US-08-462-467B-12	Sequence 12, Appl1
27	31.5	63.0	3289	2	US-08-477-451-2	Sequence 2, Appl1

28	31	62.0	48	1	US-08-176-500-56	Sequence 56, Appl
29	31	62.0	48	1	US-08-471-052A-56	Sequence 56, Appl
30	31	62.0	48	1	US-08-189-311-56	Sequence 56, Appl
31	31	62.0	48	2	US-08-471-949-56	Sequence 56, Appl
32	31	62.0	48	2	US-08-471-860-56	Sequence 56, Appl
33	31	62.0	48	2	US-08-471-860-56	Sequence 56, Appl
34	31	62.0	48	5	PCT-US96-08730-14	Sequence 14, Appl
35	31	62.0	170	2	US-08-483-101-4	Sequence 4, Appl
36	31	62.0	414	2	US-08-964-171-1	Sequence 1, Appl
37	31	62.0	657	3	US-08-508-761B-2	Sequence 2, Appl
38	31	62.0	1153	1	US-08-314-917-2	Sequence 2, Appl
39	31	62.0	1153	1	US-08-265-046-2	Sequence 2, Appl
40	31	62.0	1153	2	US-08-465-522-2	Sequence 2, Appl
41	31	62.0	1153	5	PCT-US93-11401-2	Sequence 2, Appl
42	31	62.0	1153	5	PCT-US96-07849-2	Sequence 2, Appl
43	30	60.0	51	5	US-09-013-067A-2	Sequence 2, Appl
44	30	60.0	221	3	US-09-014-067A-8	Sequence 8, Appl
45	30	60.0	284	2	US-08-215-089-7	Sequence 7, Appl

ALIGNMENTS

RESULT 1
PCT-US96-08730-1

Sequence 1, Application PC/TUS9608730

GENERAL INFORMATION:

APPLICANT: Cassels, Frederick

APPLICANT: Anderson, Jeffrey

TITLE OF INVENTION: Methods of Raising Anti-bodies Against B.

NUMBER OF SEQUENCES: 15

CORRESPONDENCE ADDRESS:

ADDRESSEE: Glenna Hendricks

STREET: P.O. Box 2509

CITY: Fairfax

STATE: VA

COUNTRY: USA

ZIP: 22031

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/08730

FILING DATE: 03-JUN-1996

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Hendricks, Glenna

REGISTRATION NUMBER: 32,535

REFERENCE/DOC KEY NUMBER: PCT/US96/08730

TELEPHONE: (703) 591-4470

TELEFAX: (703) 591-4428

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 36 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: unknown

MOLECULE TYPE: peptide

HYDROTHERMAL: No

ANTI-SENSE: No

FRAGMENT TYPE: internal

PCT US96-08730 1

Query Match: 100% Score: 50; DB: 5; Length: 36;
Best local similarity: 100%; Pct: 100%;
Matches: 10; Conserved: 0; Mismatches: 0; Gaps: 0

07 1 PSAAVALTSP 10
11111111
1b 26 PSAAVALTSP 65

RESULT 2

US 08 460 617 4

Sequence 4, Application US/08460617

Patent No. 594414

GENERAL INFORMATION:

APPLICANT: Cassels, Fredrick J

TITLE OF INVENTION: Method of Raising Antibodies Against E.

TITLE OF INVENTION: Cell

NUMBER OF SEQUENCES: 9

REFERENCE/SEQUENCE ADDRESS:

ADDRESS: Headlocks and Associates

STREET: 9669 A Main Street

CITY: Fairfax

STATE: VA

COUNTRY: US

ZIP: 22031

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC DOS/MS DOS

SOFTWARE: Patent to Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/460,617

FILING DATE: 02 JUN 1995

CLASSIFICATION: A24

ATTORNEY/AGENT INFORMATION:

NAME: Headlocks, Glendon

REGISTRATION NUMBER: 42,545

REFERENCE/SEQUENCE ADDRESS:

TELECOMMUNICATION INFORMATION:

TELEPHONE: 704 425 4250

TELEFAX: 704 425 2767

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 47 amino acids

TYPE: amino acid

STRANDEDNESS: Single

Topology: Linear

MULTIPLE TYPE: Peptide

HYDROPHOBIC: No

ANTI-SENSE: No

FRAGMENT TYPE: N-terminal

ORIGINAL SOURCE:

ORGANISM: E coli

US 08 460 617 4

Query Match 100.0% Score 507 DB Z: Length 47
Best Local Similarity 100.0% Pred. No. 0.0045
Matches 102 Conservation 02 Mismatches 02 Indels 02 Gaps 02

07 1 PSAAVALTSP 10
11111111
1b 26 PSAAVALTSP 65

RESULT 4

US 08 460 617 4

Sequence 4, Application US/08460617

Patent No. 594414

GENERAL INFORMATION:

APPLICANT: Cassels, Fredrick J

TITLE OF INVENTION: Method of Raising Antibodies Against E.

TITLE OF INVENTION: Cell

NUMBER OF SEQUENCES: 9

REFERENCE/SEQUENCE ADDRESS:

ADDRESS: Headlocks and Associates

STREET: 9669 A Main Street

CITY: Fairfax

STATE: VA

COUNTRY: US

ZIP: 22031

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC DOS/MS DOS

SOFTWARE: Patent to Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/460,617

FILING DATE: 02 JUN 1995

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Headlocks, Glendon

REGISTRATION NUMBER: 42,545

REFERENCE/SEQUENCE ADDRESS:

TELECOMMUNICATION INFORMATION:

TELEPHONE: 704 425 4250

TELEFAX: 704 425 2767

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 47 amino acids

TYPE: amino acid

STRANDEDNESS: Single

Topology: Linear

MULTIPLE TYPE: Peptide

HYDROPHOBIC: No

ANTI-SENSE: No

FRAGMENT TYPE: N-terminal

ORIGINAL SOURCE:

ORGANISM: E coli

US 08 460 617 4

Query Match 100.0% Score 507 DB Z: Length 47
Best Local Similarity 100.0% Pred. No. 0.0045
Matches 102 Conservation 02 Mismatches 02 Indels 02 Gaps 02

CITY: Fairfax
STATE: VA
COUNTRY: US
ZIP: 22031

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

SOFTWARE: Patent to Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/460,617

FILING DATE: 02 JUN 1995

CLASSIFICATION: A24

ATTORNEY/AGENT INFORMATION:

NAME: Headlocks, Glendon

REGISTRATION NUMBER: 42,545

REFERENCE/SEQUENCE ADDRESS:

TELECOMMUNICATION INFORMATION:

TELEPHONE: 704 425 4250

TELEFAX: 704 425 2767

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 47 amino acids

TYPE: amino acid

STRANDEDNESS: Single

Topology: Linear

MULTIPLE TYPE: Peptide

HYDROPHOBIC: No

ANTI-SENSE: No

FRAGMENT TYPE: N-terminal

ORIGINAL SOURCE:

ORGANISM: E coli

US 08 460 617 4

Query Match 100.0% Score 507 DB Z: Length 47
Best Local Similarity 100.0% Pred. No. 0.0045
Matches 102 Conservation 02 Mismatches 02 Indels 02 Gaps 02

07 1 PSAAVALTSP 10
11111111
1b 26 PSAAVALTSP 65

RESULT 4

US 08 460 617 4

Sequence 15, Application US/08460617

GENERAL INFORMATION:

APPLICANT: Cassels, Fredrick J

APPLICANT: Anderson, Jeffrey

TITLE OF INVENTION: Method of Raising Antibodies Against E.

TITLE OF INVENTION: Cell of the Family CSE-CFA/1

NUMBER OF SEQUENCES: 15

REFERENCE/SEQUENCE ADDRESS:

ADDRESS: Glendon Headlocks

STREET: P.O. Box 2509

CITY: Fairfax

STATE: VA

COUNTRY: USA

ZIP: 22031

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC DOS/MS DOS

SOFTWARE: Patent to Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/460,617

FILING DATE: 02 JUN 1996

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Headlocks, Glendon

REGISTRATION NUMBER: 42,545

REFERENCE/SEQUENCE ADDRESS:

TELECOMMUNICATION INFORMATION:

TELEPHONE: 704 425 4250

TELEFAX: 704 425 2767

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 47 amino acids

TYPE: amino acid

STRANDEDNESS: Single

Topology: Linear

MULTIPLE TYPE: Peptide

HYDROPHOBIC: No

ANTI-SENSE: No

FRAGMENT TYPE: N-terminal

ORIGINAL SOURCE:

ORGANISM: E coli

US 08 460 617 4

Query Match 100.0% Score 507 DB Z: Length 47
Best Local Similarity 100.0% Pred. No. 0.0045
Matches 102 Conservation 02 Mismatches 02 Indels 02 Gaps 02

REFERENCE/DOCKET NUMBER: PCT/US96/08730
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 591-4470
TELEFAX: (703) 591-4428
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 37 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
PCT-US96-08730-15

Query Match 100.0% Score 50; DB 5; Length 37;
Best Local Similarity 100.0%; Prot. No. 0.0045;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 PSVAALTYSP 10
1111111111
DB 27 PSVAALTYSP 36

RESULT 5
US-08-460-617-2
Sequence 2, Application US/08460617
Patent No. 5914114
GENERAL INFORMATION:
APPLICANT: Cassels, Frederick J
TITLE OF INVENTION: Method of Raising Antibodies Against E.
TITLE OF INVENTION: Coll
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Hendricks and Associates
STREET: 9669 A Main Street
CITY: Fairfax
STATE: VA
COUNTRY: US
ZIP: 22031
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,617
FILING DATE: 02-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Hendricks, Glenna
REGISTRATION NUMBER: 32,535
REFERENCE/DOCKET NUMBER: cas460
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-425-4250
TELEFAX: 703-425-2767
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 36 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: E coli
US-08-460-617-2

Query Match 88.0% Score 44; DB 2; Length 36;
Best Local Similarity 80.0%; Prot. No. 0.0595;
Matches 8; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

QY 1 PSVAALTYSP 10
1111111111
DB 26 PSVAALTYSP 35

RESULT 6
PCT-US96-08730-2
Sequence 2, Application PCT/US96/08730
GENERAL INFORMATION:
APPLICANT: Cassels, Frederick
APPLICANT: Anderson, Jeffrey
TITLE OF INVENTION: Methods of Raising Antibodies Against E.
TITLE OF INVENTION: Coll of the Family CSE CPA-71
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Glenna Hendricks
STREET: P.O. Box 2509
CITY: Fairfax
STATE: VA
COUNTRY: USA
ZIP: 22031
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/08730
FILING DATE: 03-JUN-1996
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Hendricks, Glenna
REGISTRATION NUMBER: 32,535
REFERENCE/DOCKET NUMBER: PCT/US96/08730
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 591-4470
TELEFAX: (703) 591-4428
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 36 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
PCT-US96-08730-2

Query Match 88.0% Score 44; DB 5; Length 36;
Best Local Similarity 80.0%; Prot. No. 0.0595;
Matches 8; Conservative 2; Mismatches 6; Indels 0; Gaps 0;

QY 1 PSVAALTYSP 10
1111111111
DB 26 PSVAALTYSP 35

RESULT 7
US-08-460-617-2
Sequence 2, Application US/08460617
Patent No. 5914114
GENERAL INFORMATION:
APPLICANT: Cassels, Frederick J
TITLE OF INVENTION: Method of Raising Antibodies Against E.
TITLE OF INVENTION: Coll
NUMBER OF SEQUENCES: 9

```

1 CORRESPONDENCE ADDRESS:
2 ADDRESS: Breadicks and Associates
3 STREET: 9669 A Main Street
4 CITY: Fairfax
5 STATE: VA
6 COUNTRY: US
7 ZIP: 22031
8 COMPUTER RELEVABLE FORM:
9 MEDIUM TYPE: floppy disk
10 OPERATING SYSTEM: pc-dos/ms-dos
11 SOFTWARE: Patient to Release #1.0, Version #1.25
12 CURRENT APPLICATION DATA:
13 APPLICATION NUMBER: 05/08/440,617
14 FILING DATE: 02 JUN 1996
15 CLASSIFICATION: 424
16 ATTORNEY/AGENT INFORMATION:
17 NAME: Breadicks, Claudia
18 REGISTRATION NUMBER: 42,545
19 REFERENCE/BOOKET NUMBER: 008460
20 TELECOMMUNICATION INFORMATION:
21 TELEPHONE: 703-425-4250
22 TELEFAX: 703-425-2767
23 INFORMATION FOR SEQ 10 NO: 12
24 SEQUENCE CHARACTERISTICS:
25 LENGTH: 37 amino acids
26 TYPE: amino acid
27 STRANDNESS: single
28 POLARITY: forward
29 MOLECULE TYPE: peptide
30 HYDROLYZAL: no
31 ANTI-SENSE: no
32 FRAGMENT TYPE: N terminal
33 ORIGINAL SOURCE:
34 ORGANISM: E coli
35 US 08 460 617 5
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Query Match 88.0% Score 44: Db 5: Length 148:
Best Local Similarity 80.0% Pred. No. 0.24:
Matches 8: Conservative 2: Mismatches 0: Indels 0: Gaps 0:

QY 1 PSVAALTYSP 10
1:|||||
DB 26 PMSVALTYSP 35

RESULT 10

US-08-483-101-10
Sequence 10: Application US/08483101
Patent No. 5932715
GENERAL INFORMATION:
APPLICANT: Scott, June K.
APPLICANT: Froehlich, Barbara
APPLICANT: Caron, Judy
TITLE OF INVENTION: CS2 Proteins and Coding Sequences
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Greenlee and Winner, P.C.
STREET: 5370 Manhattan Circle, Suite 201
CITY: Boulder
STATE: Colorado
COUNTRY: US
ZIP: 80303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.40
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,101
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Feider, Donna M.
REGISTRATION NUMBER: 33878
REFERENCE/DOCKET NUMBER: 6-95
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 499-8080
TELEFAX: (303) 499-8089
INFORMATION FOR SEQ. ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 171 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: unknown
MOLECULE TYPE: protein
HYPOTHETICAL: NO
US-08-483-101-10

Query Match 88.0% Score 44: Db 2: Length 171:
Best Local Similarity 80.0% Pred. No. 0.34:
Matches 8: Conservative 2: Mismatches 0: Indels 0: Gaps 0:

QY 1 PSVAALTYSP 10
1:|||||
DB 49 PMSVALTYSP 58

RESULT 11

US-08-460-617-6
Sequence 6: Application US/08460617
Patent No. 5914114
GENERAL INFORMATION:
APPLICANT: Cassels, Frederick J.
APPLICANT: Froehlich, Barbara
TITLE OF INVENTION: Method of Raising Antibodies Against E.
COLI
NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:
ADDRESSEE: Bendicks and Associates
STREET: 9669 A Main Street
CITY: Fairfax
STATE: VA
COUNTRY: US
ZIP: 22031

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,617
FILING DATE: 02-JUN-1995
CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:
NAME: Bendicks, Gloria
REGISTRATION NUMBER: 42,545
REFERENCE/DOCKET NUMBER: 68460
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-425-4250
TELEFAX: 703-425-2767

INFORMATION FOR SEQ. ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 47 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear

MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGIN: Source:
ORGANISM: E coli
US-08-460-617-6

Query Match 84.0% Score 42: Db 2: Length 47:
Best Local Similarity 80.0% Pred. No. 0.14:
Matches 8: Conservative 1: Mismatches 1: Indels 0: Gaps 0:

QY 1 PSVAALTYSP 10
1:|||||
DB 26 PMSVALTYSP 35

RESULT 12

US-08-460-617-6
Sequence 6: Application US/08460617
Patent No. 5914114
GENERAL INFORMATION:
APPLICANT: Cassels, Frederick J.
APPLICANT: Froehlich, Barbara
APPLICANT: Caron, Judy
TITLE OF INVENTION: Methods of Raising Antibodies Against E.
COLI
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Gloria Bendicks
STREET: E. Co. Box 2509
CITY: Fairfax
STATE: VA
COUNTRY: USA
ZIP: 22031
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,617
FILING DATE: 02-JUN-1995
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
 NAME: Houtchicks, Gloria
 REGISTRATION NUMBER: 42,545
 REFERENCE/PATENT NUMBER: PCT/US96/08740
 TELEPHONE: (703) 591 4470
 TELEFAX: (703) 591 4428
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 47 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MODIFIABLE TYPE: peptide
 HYDROPHOBIC: No
 ANTI-SENSE: No
 FRAGMENT TYPE: Internal
 PCT US96 08740 5

Query Match 84.0% Score 4.2 DB 5 Length 47
 Best Local Similarity 80.0% Prod. No. 0.14
 Matches 8 Conservative 1 Mismatches 1 Indels 0 Gaps 0

Q7 I PSAAVLYSP 10
 111 1111
 26 PAAVLYSP 45

RESULT 14
 PCT US96 08740 11
 Sequence 11, Application PCT/US96/08740
 GENERAL INFORMATION:
 APPLICANT: Cassels, Frederick
 APPLICANT: Anderson, Jeffrey
 APPLICANT: Carter, John Mark
 TITLE OF INVENTION: Methods of Raising Antibodies Against P.
 NUMBER OF SEQUENCES: 15
 ADDRESS/AGENT INFORMATION:
 ADDRESS: Gloria Houtchicks
 STREET: P.O. Box 2509
 CITY: Fairfax
 STATE: VA
 COUNTRY: USA
 ZIP: 22031
 COMPUTER RELEVABLE FORM:
 MEDIUM TYPE: floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US96/08740
 FILING DATE: 03 JUN 1996
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Houtchicks, Gloria
 REGISTRATION NUMBER: 42,545
 REFERENCE/PATENT NUMBER: PCT/US96/08740
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 591 4470
 TELEFAX: (703) 591 4428
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 117 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MODIFIABLE TYPE: peptide
 HYDROPHOBIC: No
 ANTI-SENSE: No
 FRAGMENT TYPE: Internal
 PCT US96 08740 11

Query Match 84.0% Score 4.2 DB 5 Length 117
 Best Local Similarity 80.0% Prod. No. 0.14
 Matches 8 Conservative 1 Mismatches 1 Indels 0 Gaps 0

Q7 I PSAAVLYSP 10
 111 1111
 26 PAAVLYSP 45

RESULT 14
 PCT US96 08740 4
 Sequence 11, Application PCT/US96/08740
 GENERAL INFORMATION:
 APPLICANT: Cassels, Frederick
 APPLICANT: Anderson, Jeffrey
 APPLICANT: Carter, John Mark
 TITLE OF INVENTION: Methods of Raising Antibodies Against P.
 NUMBER OF SEQUENCES: 15
 ADDRESS/AGENT INFORMATION:
 ADDRESS: Gloria Houtchicks
 STREET: P.O. Box 2509
 CITY: Fairfax
 STATE: VA
 COUNTRY: USA
 ZIP: 22031
 COMPUTER RELEVABLE FORM:
 MEDIUM TYPE: floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US96/08740
 FILING DATE: 03 JUN 1996
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Houtchicks, Gloria
 REGISTRATION NUMBER: 42,545
 REFERENCE/PATENT NUMBER: PCT/US96/08740
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 591 4470
 TELEFAX: (703) 591 4428
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 47 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MODIFIABLE TYPE: peptide
 HYDROPHOBIC: No
 ANTI-SENSE: No
 FRAGMENT TYPE: Internal
 PCT US96 08740 4

Query Match 80.0% Score 4.0 DB 5 Length 47
 Best Local Similarity 80.0% Prod. No. 0.14
 Matches 8 Conservative 0 Mismatches 2 Indels 0 Gaps 0

Q7 I PSAAVLYSP 10
 111 1111
 26 PAAVLYSP 45

RESULT 15
 PCT US96 08740 9
 Sequence 11, Application PCT/US96/08740
 GENERAL INFORMATION:
 APPLICANT: Cassels, Frederick
 APPLICANT: Anderson, Jeffrey
 APPLICANT: Carter, John Mark

TITLE OF INVENTION: Methods of Raising Antibodies Against E
 TITLE OF INVENTION: Coll of the Family CSP-GFA/1
 NUMBER OF SEQUENCES: 15
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Glenna Hendricks
 STREET: P.O. Box 2509
 CITY: Fairfax
 STATE: VA
 COUNTRY: USA
 ZIP: 22031
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US96/08730
 FILING DATE: 04-JUN-1996
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Hendricks, Glenna
 REGISTRATION NUMBER: 32,545
 REFERENCE/DOCKET NUMBER: PCT/US96/08730
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 591-4470
 TELEFAX: (703) 591-4428
 INFORMATION FOR SEQ. ID NO.: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 147 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: peptide
 HYPOTHEICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal

